

CLASSIFICATION CONFIDENTIAL

CENTRAL INTELLIGENCE AGENCY

FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD NO.

50X1-HUM

COUNTRY	USSR
ALBANIA	
ARMENIA	
AZERBAIDZHAN	
BELARUS	
BELGIUM	
BULGARIA	
CANADA	
CZECH REPUBLIC	
FRANCE	
GERMANY	
GREECE	
HUNGARY	
INDIA	
ITALY	
JAPAN	
KAZAKHSTAN	
KOREA	
NETHERLANDS	
NETHERLANDS ANTILLES	
NETHERLANDS ARUBA	
NETHERLANDS CURACAO	
NETHERLANDS SURINAM	
NETHERLANDS TRINIDAD AND TOBAGO	
NETHERLANDS ARABIAN SAUDI	
NETHERLANDS BAHRAIN	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	
NETHERLANDS SAUDI ARABIA	
NETHERLANDS KUWAIT	
NETHERLANDS OMAN	
NETHERLANDS QATAR	
NETHERLANDS UNITED ARAB EMIRATES	
NETHERLANDS YEMEN	
NETHERLANDS JORDAN	
NETHERLANDS ISRAEL	
NETHERLANDS SYRIA	
NETHERLANDS LEBANON	

DATE OF INFORMATION 1948

SUBJECT Economic - Rubber tire industry

DATE DIST. ³¹ December 1948

HOW PUBLISHED Monthly periodical

**WHERE
PUBLISHED** Moscow

NO. OF PAGES 2

DATE
PUBLISHED March 1948

SUPPLEMENT TO
REPORT NO.

LANGUAGE Russian

THIS DOCUMENT CONTAINS NEITHER RECOMMENDATIONS NOR CONCLUSIONS OF THE NATIONAL ARCHIVES OF THE UNITED STATES WITH REGARD TO THE AUTHORITY OF THE NATIONAL ARCHIVES ACT OF 1934, AS AMENDED. ITS TRANSMISSION OR THE UTILIZATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. INTRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Automobil', No 3, 1948. (Information specifically requested.)

IMPROVEMENT IN THE EXPLOITATION OF AUTOMOBILE TIRES

In many government agencies, both large and small, tires are not being fully exploited. For example, according to the data of the Main Administration for Exploitation of the Ministry of Automotive Transport SSSR, during the 9 months of the preceding year in the automobile department of the Ul'yanovsk Autotruster, 23 percent of the registered scrap was not fully exploited. In the auto department of the Kalinin Autotruster such losses amounted to 34 percent; in the Gor'kiy Autotruster, 36 percent; and in the Irkutsk, 53 percent. At the same time, in other agencies the norms for the use of tires were significantly surpassed. Some of these were the Mosgorispolkom trucking transport where 34 x 7 tires with an average life of 30,000 kilometers averaged 36,100 kilometers, and the automobile department of the Pskov Autotruster where 88 percent of the scrapped tires had been exploited beyond the established norm.

Some automobile drivers have great success in the exploitation of tires. In the Tula Trust, Novikov used 32 x 6 tires with an average life of 21,000 kilometers for 72,870 kilometers. There are others who are doing the same for trucks and buses. This definitely shows the great possibilities of expanding the use and extending the life of the tires.

Supervisors of all automotive agencies should take all precautions to extend the life of tires by being certain to: (1) keeping the parking lots clean; (2) daily inspection of air pressure in the tires; (3) inspection of the tires after the use of the car; (4) proper rotation to prevent wear in certain points. "Gigant" tires should be rotated every 3,500 kilometers while others should be rotated every 5,000 kilometers; and (5) inspection of the automobile parts which affect the operation of the tires.

- 1 -

CLASSIFICATION

CONFIDENTIAL

DISTRIBUTION

~~CONFIDENTIAL~~

STATE		X	NAVY	X	ARMY	DISTRIBUTION							
ARMY		X	AIR	X	FBI	CONFIDENTIAL							

CONFIDENTIAL

50X1-HUM

Model of Vehicle	Tire Size	No of Tires	Tire Pressure (in atm)	
			Front	Rear
Moskvich	4.50-16	4	2.00	2.30
Moskvich	5.00-16	4	1.75	2.00
GAZ-M-1	7.00-16	4	1.50	2.00
GAZ-M-1 Pickup [Pickup] Truck	7.00-16	6	1.75	2.25
GAZ-67-B	6.50-15	4-6	1.50	2.00
GAZ-67-B	7.00-16	4-6	1.50	1.75
GAZ-M-20 Pobeda	6.00-16	4	2.00	2.00
ZIS-101	7.50-17	6	2.25	2.75
ZIS-110	7.50-16	6	2.25	2.50
GAZ-AA	6.50-20	6	2.50	3.25
GAZ-51	7.50-20	8	3.00	3.50
ZIS-5, ZIS-8, ZIS-11	34 x 7	10	5.00	5.75
ZIS-5, ZIS-8	9.00-20	10	3.25	4.00
ZIS-6	9.00-20	10	3.50	4.50
ZIS-150	9.00-20	10	3.50	4.25
Ya-200	12.00-20	14	4.25	5.50
YaG-4, YaG-6	40 x 8	12	5.00	6.50

It was experimentally established that lowering the internal air pressure by 15 percent decreases the life by 20 percent, and a decrease of the normal tire pressure by 25 percent lowers the life by 40 percent.

Special tools and equipment should be designed to aid drivers and others in mounting and changing tires. Drivers should be sure to distribute loads evenly. Thus, for example, overloading tires by 10 percent decreases the life by 18 percent, and an overload of 20 percent decreases the life by 30 percent. These facts should not be overlooked by the drivers.

In automobile agencies, having more than 20 vehicles, vulcanizing shops should be established. At present, it is important to raise the requirements of the drivers as well as the training standards for mechanics and automotive engineers. Special visual training aids for drivers and technicians have been put out by the Ministry of the Motion Picture.

The Ministry of the Rubber Industry has the task of producing many automotive parts and accessories which can be obtained through the Glavresinobyt office. In 1948, tens of thousands of pressure gauges for light and heavy trucks will be sold. These are manufactured by the Ministries of Machine and Instrument Construction. A rapid solution of the cited problems will extend the life and use of tires and conserve the materials which are used in their production.

- E N D -

- 2 -

CONFIDENTIAL

CONFIDENTIAL